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# foreign agriculture circular

U. S. Department of Agriculture  
Foreign Agricultural Service  
Economics and Statistics  
Service

## World Crop Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-8-81

August 12, 1981

### WORLD GRAIN PROSPECTS DOWN SLIGHTLY

Region	1979/80	1980/81	1981/82 Proj.	
			Jul	Aug
	Total Grains (Million metric tons) 2/			
World	1537.0	1561.7	1631.4	1624.9
United States	302.8	269.8	303.8	319.0
Rest of World	1234.2	1291.9	1327.6	1305.9
	Oilseeds (Million metric tons)			
World	174.2	162.5	174.5	174.2
United States	72.2	56.4	63.8	64.6
Rest of World	102.0	106.2	110.7	109.5
	Cotton (Million bales)			
World	65.5	65.4	68.6	69.6
United States	14.6	11.1	13.8	14.8
Rest of World	50.8	54.3	54.8	54.8

1/ See footnote 1 on World Crop Production summary table.

2/ Includes rice on a rough basis.

\* Total world grain production in 1981/82 is forecast at a record 1625 million tons, down slightly from last month's forecast, but 4 percent or 63 million tons above the 1980/81 harvest. Crop prospects have deteriorated in the past month in the USSR, Western and Eastern Europe and China, while U.S. coarse grain crop prospects improved dramatically.

\* World wheat production in 1981/82 is forecast at 455 million tins, 2 percent below last month's forecast, but 4 percent above the 1980/81 crop outturn. Continued hot, dry weather reduced Soviet crop prospects during the last month while frost damaged the Brazilian crop. Excessive wetness in parts of Western Europe and dry conditions in Eastern Europe reduced prospects in these areas. The U.S. crop estimate is down over 1 1/2 million tons from July.

\* World coarse grain production in 1981/82 is forecast at a record 763 million tons, up less than 1 percent from last month's forecast, but 5 percent above the 1980/81 harvest. A 17-million-ton increase in the U.S. forecast because of favorable growing conditions in July has more than offset lower forecasts

(continued on page 3)

## WORLD CROP PROJECTIONS

Projections of 1981/82 world crop production are tentative. Northern Hemisphere projections include winter grain crops still being harvested and spring crops such as spring wheat, corn, soybeans, and cotton now in late-developmental stages. Southern Hemisphere include recently-planted winter grain crops and spring crops that will not be planted until this fall. Climatic and market developments over the next several months will continue to influence 1981/82 production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, and analysts' judgements. The plus/minus variations around projections in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 16-18.

Forecasts of 1981 U.S. acreage, yield, and production for crops, except for sunflowers, are from the U.S. Crop Production report released today by USDA's Crop Reporting Board.

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This report draws on information from USDA's global network of agricultural attaches, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economic Research Service (ERS), and the World Agricultural Outlook Board.

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for the Soviet Union, Western and Eastern Europe, and China. The lower Soviet estimate reflects reduced yields due to hot, dry weather, and a smaller area estimate.

- \* World rice production in 1981/82 is forecast at a record 406 million tons, virtually unchanged from last month's forecast, but 2 1/2 percent above the 1980/81 harvest. The U.S. crop will be record large. Growing conditions continue favorable in most major world rice-producing areas.
- \* World oilseed production in 1981/82 is forecast at 174.2 million tons, down only 2 million tons or 7 percent above the 1980/81 harvest. Increased U.S. production prospects, particularly for soybeans and cottonseed were about offset by declines in production forecasts elsewhere. Reductions in prospects for the Brazilian soybean crop and sunflowerseed and rapeseed in Western Europe account for the principal crop revisions outside the United States.
- \* World soybean crop prospects for 1981/82 are down by .2 tons to 89.0 million tons from last month's projection, principally because of a .6 downward revision in the Brazilian crop estimate. Increased U.S. production is attributed to favorable U.S. growing conditions in the principal Midwestern producing states that are more than offsetting reduced yield prospects in some East Central and Southern states due to regional late planting and localized dry conditions. Soybean production forecasts were lowered for Brazil as less area than indicated in July is likely to be devoted to soybeans. Government policy initiatives announced for 1981 Brazilian crops and deteriorating market conditions are expected to encourage a shift in area away from soybeans that will tend to offset much of the area expansion into new lands.
- \* World rapeseed and sunflowerseed production prospects for 1981/82 have been lowered this month by about 300,000 tons each as weather problems have taken a toll on the Spanish sunflowerseed crop and the French rapeseed crop. Drought has cut Spanish sunflowerseed yields, while in France damp, wet weather in May and June led to an outbreak of a severe fungus disease which will cut yields.
- \* World cotton production is estimated at 69.6 million bales, slightly above last month's projection due to a larger U.S. crop. U.S. production is forecast at 14.8 million bales, up 33 percent from 1980's depressed level reflecting small abandonment and a relatively high average yield of an indicated 577 kilograms per hectare (515 pounds per harvested acre). Large crops also are anticipated in the Soviet Union and China, where prospects remain unchanged from last month. Foreign production, estimated at 54.8 million bales this season, is up 1 percent from 1980/81.

## WORLD WEATHER HIGHLIGHTS THROUGH AUGUST 12

USSR--Hot, dry weather returned to southern European USSR during the last days of July after rain in the first half of the month gave some relief to spring-planted crops. Excessively dry air adversely affected late filling of spring grains in the upper Volga Valley, where rainfall has been deficient since May when crops were sown. Corn pollination in the north Caucasus and eastern Ukraine also was affected by the dry air, despite relatively good soil moisture supplies. The dry weather favored winter grain harvesting. In the New Lands, no extreme high temperatures occurred, but eastern portions remained unfavorably dry until mid-July. Most spring grains there had advanced into the flowering stage before the rain began, and substantial yield declines are likely. Some of these eastern areas will produce very poor yields. Western portions of the New Lands had good soil moisture supplies, and only in some southerly parts were spring grains stressed somewhat during the grain-filling stage.

UNITED STATES--After a week of hot, dry weather in mid-July, timely rains fell over much of the eastern two-thirds of the Nation during the past few weeks. Improved moisture supplies in the western Corn Belt came when crop moisture demands peaked during the critical reproductive period. Rain in the Southeast aided crop growth, but subsoil moisture supplies remain short. Soybeans still could benefit from additional rainfall in August.

CANADA--Crop prospects continue favorable in most areas of the Prairie Provinces. Beneficial moisture fell in July as cereals advanced through reproduction and into the grain-filling stage. Isolated pockets of dryness caused some crop stress as temperatures rose above normal in southern Saskatchewan and Manitoba. However, locally heavy showers in this area during early August should minimize the impact of heat stress, especially for late maturing crops.

EUROPE--Heavy rains caused flooding and disrupted winter grain harvesting in north central Europe. Recent drier weather in some areas has improved conditions, but other locations continue to experience problems due to wetness. Dry conditions in England and the southeastern countries hurt yields of both winter and spring crops early in the period. Recent rains improved conditions for later crops.

SOUTH AMERICA--While most of the wheat crop was in semi-dormancy in southern Brazil and Argentina, early-planted wheat in Parana advanced into the critical reproductive period during mid-July at the time of severe, widespread frost in south-central Brazil. Some wheat damage may have occurred and extensive damage to buds on coffee trees was reported.

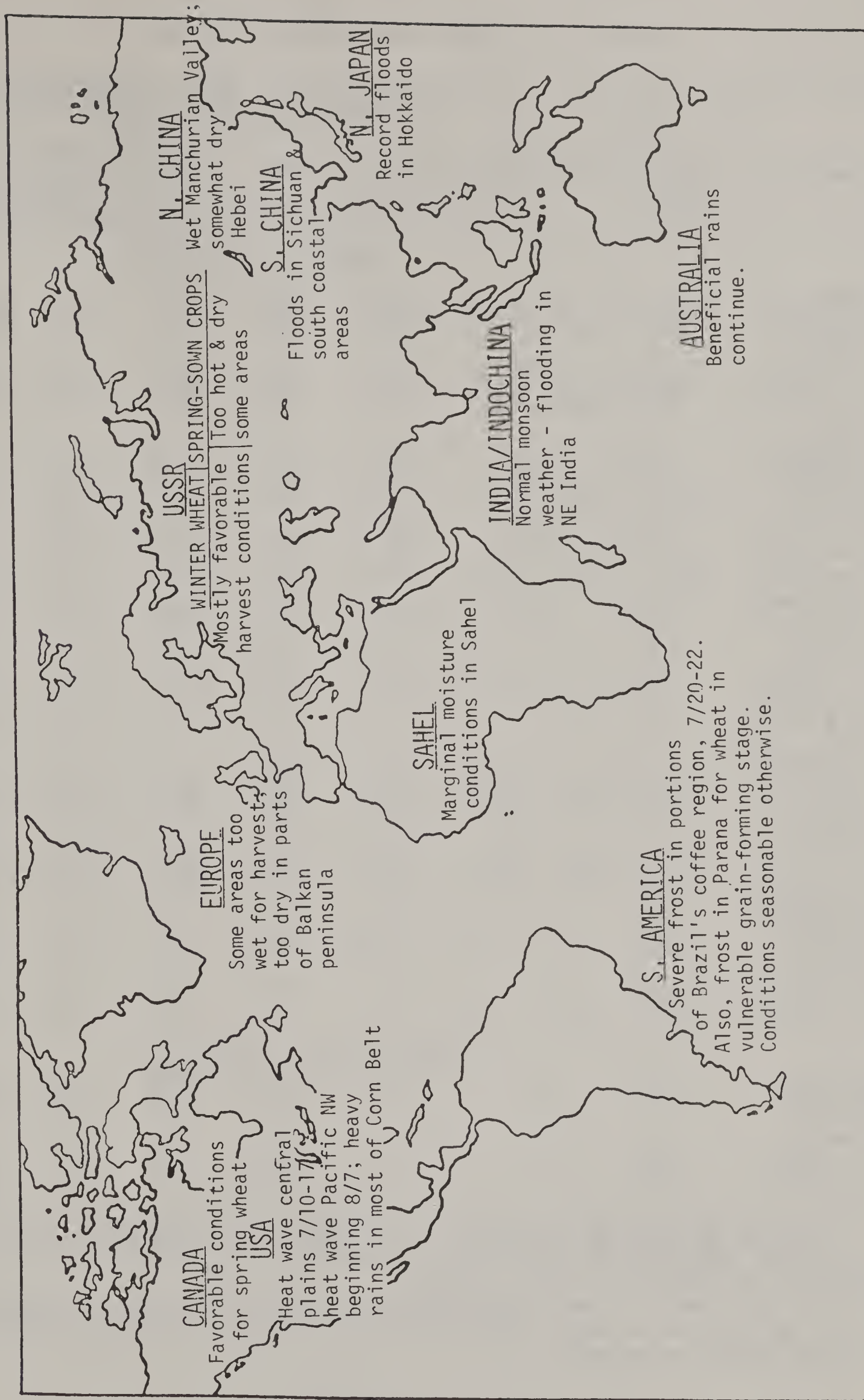
INDIA--Abundant monsoon rains occurred throughout the country. Flooding was reported in the northeast and in Rajasthan but, on balance, wet conditions were beneficial. A strong weather system in early August dumped heavy rains across central parts of the country, improving growing conditions for upland crops and boosting irrigation water supplies.

AUSTRALIA--Frequent showers improved soil moisture supplies considerably over the entire wheat belt. Crop conditions are rated good to excellent in nearly all wheat-producing stages.

CHINA--Many areas received above-normal rainfall in July. Flooding occurred in the Sichuan Basin, along the southern coast, and in localized areas of Henan. Localized dryness persisted in parts of the North China Plain, and an extensive dry area developed along the Yangtze River in Hubei and Hunan. However, irrigation water supplies should be quite adequate to avert any substantial crop yield losses.

# AGRICULTURAL WEATHER HIGHLIGHTS

DATE July 10 - August 10, 1981



## World crop production summary 1/

	Major regions and countries									
Commodity	United States	Canada	Western Europe	Eastern Europe	USSR	Centrally Planned Asia	Pakistan	South Asia	Near East and Other Asia	Thailand
						PRC	India			
<hr/>										
	---Million metric tons---									
:Wheat										
1: 1979/80	58.1	17.2	55.6	27.6	90.2	62.7	35.5	9.9	---	---
2: 1980/81	64.5	19.1	64.2	34.5	98.1	54.2	31.6	10.8	---	---
: 1981/82										
3: Jul proj.	76.5	24.0	63.1	32.1	100.0	56.0	34.0	11.0	---	---
4: Aug proj.	74.8	24.0	61.2	31.3	95.0	56.0	34.0	11.0	---	---
:Coarse grains										
5: 1979/80	238.7	18.6	90.8	63.3	81.2	83.0	27.3	---	---	3.6
6: 1980/81	198.7	21.6	94.7	61.7	80.7	82.5	28.6	---	---	3.5
: 1981/82										
7: Jul proj.	219.5	25.2	92.6	65.4	90.0	83.0	29.5	---	---	3.8
8: Aug proj.	236.2	25.9	89.8	64.8	80.0	82.0	29.5	---	---	3.8
:Rice(rough)										
9: 1979/80	6.0	---	1.8	---	2.4	143.7	63.3	4.8	24.7	15.7
10: 1980/81	6.6	---	1.7	---	2.8	139.3	81.1	4.6	29.8	18.5
: 1981/82										
11: Jul proj.	7.8	---	1.6	---	3.0	141.0	82.6	4.8	29.8	18.0
12: Aug proj.	8.0	---	1.6	---	2.8	141.0	82.6	4.8	29.8	18.0
:Total grains 2/:										
13: 1979/80	302.8	35.8	148.2	91.0	173.7	289.4	126.1	14.8	24.7	19.3
14: 1980/81	269.8	40.7	160.6	96.2	181.6	275.9	141.3	15.4	29.8	22.0
: 1981/82										
15: Jul proj.	303.8	49.2	157.3	97.5	193.0	280.0	146.1	15.8	29.8	21.9
16: Aug proj.	319.0	49.9	152.6	96.1	177.8	279.0	146.1	15.8	29.8	21.9
:Oilseeds 3/:										
17: 1979/80	72.2	4.3	2.6	3.6	10.4	17.4	10.1	1.7	---	---
18: 1980/81	56.4	3.4	3.6	3.8	10.5	20.3	11.5	1.7	---	---
: 1981/82										
19: Jul proj.	63.8	2.7	3.9	4.3	10.8	21.5	11.4	1.8	---	---
20: Aug proj.	64.6	2.7	3.5	4.1	10.7	21.3	11.4	1.8	---	---
:Cotton										
---Million 480-pound bales---										
21: 1979/80	14.6	---	---	---	13.1	10.1	6.0	3.4	---	---
22: 1980/81	11.1	---	---	---	14.3	12.4	6.1	3.3	---	---
: 1981/82										
23: Jul proj.	13.8	---	---	---	13.5	13.0	6.3	3.4	---	---
24: Aug proj.	14.8	---	---	---	13.5	13.0	6.3	3.4	---	---

1/ 1979/80 estimates are preliminary. The 1980/81 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 185 million tons in special circular FG-29-81(08-12-81) includes around 7 million tons of minor grains and pulses.

World crop production summary 1/---Continued

Major regions and countries									
: Middle East	: Latin America	:	:	:Total for	:	:	: World	:	:
: and	: and	:	: Oceania	: major	:	: Other	: less	:	:
: Africa	: Caribbean	:	:	: regions	:	: Coun-	: United	:	: World
:South	:Argen-	:	:	: and	:	: tries	: States	:	:
:Africa	:Turkey	: tina	: Brazil	:Australia	: countries:	:	:	:	:
---Million metric tons---									
2.1	13.0	8.1	2.9	16.2	399.1	23.1	364.1	422.2	: 1
1.5	13.8	7.8	2.7	10.8	413.4	25.3	374.3	438.8	: 2
1.8	13.5	9.2	1.9	16.0	439.1	26.0	388.7	465.1	: 3
1.8	13.5	9.2	1.5	16.0	429.3	26.0	380.5	455.3	: 4
11.7	7.6	10.6	20.6	6.2	663.1	76.6	500.9	739.7	: 5
15.1	7.6	20.7	22.7	5.3	643.5	83.1	528.0	726.6	: 6
12.2	7.7	18.2	23.4	5.8	676.3	84.0	540.8	760.3	: 7
12.2	7.7	18.0	23.4	5.8	679.2	84.0	527.0	763.2	: 8
---	---	0.3	9.6	0.6	272.9	102.2	369.1	375.1	: 9
---	---	0.3	9.1	0.8	294.6	101.7	389.7	396.3	: 10
---	---	0.3	10.0	0.7	299.6	106.4	398.3	406.0	: 11
---	---	0.3	10.0	0.7	299.6	106.8	398.4	406.4	: 12
13.8	20.6	19.0	33.1	23.0	1335.1	201.9	1234.2	1537.0	: 13
16.4	21.5	28.7	34.5	16.9	1351.5	210.2	1291.9	1561.7	: 14
14.0	21.2	27.7	35.4	22.5	1415.0	216.4	1327.6	1631.4	: 15
14.0	21.2	27.5	34.9	22.5	1408.1	216.8	1305.9	1624.9	: 16
---	---	5.9	16.8	---	145.1	16.6	102.0	174.2	: 17
---	---	5.3	17.2	---	133.5	16.6	106.2	162.5	: 18
---	---	6.2	17.9	---	144.2	17.7	110.7	174.5	: 19
---	---	6.2	17.4	---	143.7	17.8	109.6	174.2	: 20
---Million 480-pound bales---									
---	2.2	0.7	2.6	---	52.9	12.6	50.8	65.5	: 21
---	2.2	0.4	2.8	---	52.6	12.9	54.3	65.4	: 22
---	2.3	0.6	2.8	---	55.7	12.9	54.8	68.6	: 23
---	2.3	0.6	2.8	---	56.7	12.9	54.8	69.6	: 24

3/ Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesame seed, safflower seed, flax seed, castor beans, copra and palm kernels for countries shown plus other countries.

--- - No production reported or insignificant production.

\*\*Totals may not add due to rounding.

U.S. Crop Acreage, Yield, Production, and Probable Variation 1/  
(Domestic Units)

Commodity	Harvested area			Yield			Production		
	1981/82 Proj.			1981/82 Proj.			1981/82 Proj.		
	1979/80	1980/81	July : Aug.	1979/80	1980/81	July : Aug.	1979/80	1980/81	July : Aug.
All wheat	62.5	70.9	80.7	34.2	33.4	34.8	2,134	2,370	2,810
Winter	43.4	51.4	58.6	36.9	36.8	35.7	1,601	1,891	2,093
Other	19.0	19.5	22.1	28.0	24.5	32.4	533	478	717
Rye	.9	.7	.7	25.8	24.5	25.3	22	16	17
Feedgrains:	102.5	101.6	107.0	2.32	1.95	*	238.2	198.2	219.1
Corn	72.4	73.1	74.2	109.7	91.0	95.9	7,939	6,648	7,116
Sorghum	12.9	12.7	14.0	62.7	46.2	*	809	588	798
Barley	7.5	7.2	9.0	50.9	49.6	53.3	383	359	478
Oats	9.7	8.6	9.8	54.4	53.0	54.1	527	458	522
Soybeans	70.6	67.9	*	32.1	26.8	*	2,268	1,817	2,005
Rice	2.87	3.30	3.81	4,599	4,403	*	131.9	145.1	171.3
All cotton:	12.8	13.2	*	547	404	*	14.6	11.1	13.8

U.S. Planted Area for Major Crops

Year	Wheat			Feedgrains			All : Total maj. Crops		
	1981/82 Proj.			1981/82 Proj.			1981/82 Proj.		
	1979/80	1980/81	July : Aug.	1979/80	1980/81	July : Aug.	1979/80	1980/81	July : Aug.
1979/80	51.8	19.6	71.4	2.9	81.4	8.1	118.8	71.6	14.0
1980/81	57.4	23.0	80.4	3.4	84.1	8.3	121.7	70.1	14.5
1981/82:									
July proj.	65.8	23.0	88.8	3.8	84.4	9.7	123.8	68.7	14.2
Aug. proj.	65.8	23.0	88.8	3.8	84.3	9.8	123.8	68.1	14.3

1/ 1980/81 is estimated and preliminary. 1981/82 July projections are based on U.S. Crop Reporting Board area and yield surveys, except where indicated otherwise. All August forecasts from U.S. Crop Reporting Board.

\* For commodities which the Crop Reporting Board had not yet made acreage and/or yield projections, the respective Interagency Commodity Estimates Committees estimated production based on trends and analysts' judgements.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield				Production				
	: 1979/80 : 1980/81: proj.		: 1981/82 : 1980/81: July : Aug		: 1979/80 : 1980/81: July : Aug		: 1981/82 : 1980/81: July : Aug				
	: Million hectares: ---		Metric tons per hectare				: Million metric tons: ---				
United States	: 25.3	28.7	32.7	2.30	2.25	2.34	2.29	58.1	64.5	76.5	74.8
Canada	: 10.5	11.1	12.2	1.64	1.72	1.97	1.97	17.2	19.1	24.0	24.0
Western Europe	: 15.5	16.4	16.2	3.58	3.92	3.86	3.78	55.6	64.2	63.1	61.2
Eastern Europe	: 9.3	9.7	9.2	2.98	3.55	3.45	3.38	27.6	34.5	32.1	31.3
USSR	: 57.7	61.5	61.0	1.56	1.60	1.64	1.56	90.2	98.1	100.0	95.0
Cen. Planned Asia:											
PRC	: 29.4	28.9	27.6	2.13	1.87	2.00	2.03	62.7	54.2	56.0	56.0
South Asia											
India	: 22.6	22.0	22.3	1.57	1.44	1.52	1.52	35.5	31.6	34.0	34.0
Pakistan	: 6.7	6.9	6.9	1.49	1.56	1.59	1.59	9.9	10.8	11.0	11.0
M. East & Africa											
South Africa	: 1.9	1.6	1.7	1.10	0.90	1.09	1.09	2.1	1.5	1.8	1.8
Turkey	: 8.6	8.6	8.5	1.51	1.60	1.59	1.59	13.0	13.8	13.5	13.5
L America & Carib:											
Argentina	: 4.8	5.0	5.6	1.69	1.55	1.66	1.66	8.1	7.8	9.2	9.2
Brazil	: 3.8	3.1	1.8	0.75	0.85	0.91	0.85	2.9	2.7	1.9	1.5
Oceania											
Australia	: 11.2	11.5	12.0	1.45	0.94	1.33	1.33	16.2	10.8	16.0	16.0
Total above	: 207.3	215.0	217.6	1.93	1.92	2.01	1.97	399.1	413.4	439.1	429.3
Other countries	: 20.3	20.7	20.8	1.13	1.22	1.25	1.25	23.1	25.3	26.0	26.0
World	: 227.6	235.8	238.5	1.85	1.86	1.94	1.91	422.2	438.8	465.1	455.3
World less U. S.	: 202.3	207.1	205.8	1.80	1.81	1.88	1.85	364.1	374.3	388.7	380.5
Major foreign ex- porters 3/	: 38.4	40.2	42.3	2.35	2.30	2.47	2.45	90.2	92.5	104.8	103.7

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 16.

3/ Includes Canada, Australia, Argentina, and EC.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		Yield		Production	
	: 1979/80	: 1980/81: proj.	: 1979/80	: 1980/81: July	: 1979/80	: 1980/81: July
	: 1979/80	: 1980/81: proj.	: 1979/80	: 1980/81: July	: 1979/80	: 1980/81: July
	---Million hectares---		Metric tons per hectare		-----Million metric tons-----	
United States	: 41.8	: 41.4	: 5.72	: 4.80	: 238.7	: 198.7
Canada	: 7.1	: 7.9	: 2.63	: 2.72	: 18.6	: 21.6
Western Europe	: 25.3	: 24.6	: 3.59	: 3.85	: 90.8	: 94.7
Eastern Europe	: 19.8	: 19.3	: 3.20	: 3.26	: 63.3	: 61.7
USSR	: 61.2	: 57.9	: 1.33	: 1.55	: 81.2	: 80.7
Cen. Planned Asia:						
PRC	: 33.1	: 32.7	: 2.51	: 2.55	: 83.0	: 82.5
South Asia						
India	: 41.3	: 42.0	: 0.66	: 0.70	: 27.3	: 28.6
N East&Other Asia:						
Thailand	: 1.7	: 1.8	: 2.03	: 2.01	: 3.6	: 3.5
M East and Africa:						
South Africa	: 5.4	: 5.4	: 2.15	: 2.81	: 11.7	: 15.1
Turkey	: 4.1	: 4.2	: 1.82	: 1.86	: 7.6	: 7.7
L America & Carib:						
Argentina	: 4.8	: 6.5	: 2.22	: 3.19	: 10.6	: 20.7
Brazil	: 11.9	: 13.1	: 1.74	: 1.74	: 20.6	: 22.7
Oceania						
Australia	: 4.2	: 4.5	: 1.47	: 1.17	: 6.2	: 5.3
Total above	: 261.7	: 261.3	: 2.53	: 2.46	: 663.1	: 643.5
Other countries	: 78.8	: 80.3	: 0.97	: 1.03	: 76.6	: 83.1
World	: 340.5	: 341.6	: 2.17	: 2.13	: 739.7	: 726.6
World less U. S.	: 298.7	: 300.2	: 1.68	: 1.76	: 500.9	: 528.0
Major foreign ex- porters 3/	: 23.3	: 26.1	: 2.18	: 2.54	: 50.7	: 66.2

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 17.

3/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Rice(rough) area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production		
	: 1979/80 : 1980/81 : 1981/82			: 1979/80 : 1980/81 : 1981/82			: 1979/80 : 1980/81 : 1981/82		
	proj.	proj.	proj.	Aug	July	Aug	Aug	July	Aug
	1.2	1.3	1.5	5.15	4.94	5.21	6.0	6.6	7.8
United States	0.3	0.3	0.3	5.79	5.45	5.38	1.8	1.7	1.6
Western Europe	0.6	0.7	0.7	3.92	4.20	4.00	2.4	2.8	3.0
USSR									
Cen. Planned Asia:									
PRC	33.8	33.4	33.2	4.25	4.17	4.25	143.7	139.3	141.0
South Asia									
Bangladesh	10.1	10.5	10.5	1.90	2.04	1.94	19.1	21.5	19.9
Burma	4.4	4.9	4.9	2.20	2.58	2.53	9.8	12.7	12.5
India	39.0	40.5	40.5	1.63	2.00	2.04	63.3	81.1	82.6
Pakistan	2.0	1.9	2.0	2.37	2.41	2.40	4.8	4.6	4.8
N East&Other Asia:									
Indonesia	8.8	9.0	9.1	2.81	3.30	3.27	24.7	29.8	29.8
Japan	2.5	2.4	2.3	5.99	5.13	5.80	14.9	12.2	13.5
South Korea	1.2	1.2	1.2	6.39	4.58	6.04	7.9	5.5	7.4
Thailand	8.7	9.6	9.6	1.80	1.93	1.87	15.7	18.5	18.0
L America & Carib:									
Argentina	0.1	0.1	0.1	3.25	3.60	3.61	0.3	0.3	0.3
Brazil	6.6	6.6	6.6	1.47	1.39	1.50	9.6	9.1	10.0
Oceania									
Australia	0.1	0.1	0.1	5.28	6.89	5.91	0.6	0.8	0.7
Total above	119.4	122.5	122.7	2.72	2.83	2.88	324.7	346.3	352.8
Other countries	21.5	21.2	21.5	2.34	2.35	2.48	50.4	50.0	53.2
World	141.0	143.8	144.2	2.66	2.76	2.82	375.1	396.3	406.4
World less U. S.	139.8	142.4	142.7	2.64	2.74	2.80	369.1	389.7	398.4
Major foreign ex- porters	15.3	16.6	16.7	2.02	2.21	2.16	30.9	36.6	36.0

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

33/ Includes Australia, Burma, Pakistan, and Thailand.

[illegible]

1/ Totals and averages based on unrounded data. 1980/81 estimates are preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

Includes USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country:	Area			Yield			Production					
	:	:	:	:	:	:	:	:	:	:		
	:1979/80	:1980/81:	:1981/82	:1979/80	:1980/81:	:1981/82	:1979/80	:1980/81:	:1981/82	:1979/80	:1980/81:	:1981/82
	proj.	proj.	proj.	Aug	July	Aug	Aug	July	Aug	Aug	July	Aug
-----Million hectares-----			Metric tons per hectare			-----Million metric tons-----						
United States	: 28.56	27.46	27.10	2.16	1.80	2.00	2.03	61.72	49.45	54.57	54.91	
Canada	: 0.28	0.28	0.29	2.37	2.52	2.20	2.09	0.67	0.71	0.65	0.60	
Eastern Europe	: 0.46	0.50	0.49	1.41	1.25	1.33	1.33	0.65	0.63	0.65	0.65	
USSR	: 0.84	0.85	0.89	0.56	0.63	0.89	0.74	0.47	0.54	0.80	0.66	
Cen. Planned Asia:												
PRC	: 7.20	7.30	7.50	1.04	1.08	1.08	1.08	7.46	7.88	8.10	8.10	
South Asia												
India	: 0.40	0.55	0.55	0.75	0.82	0.91	0.91	0.30	0.45	0.50	0.50	
L America & Carib:												
Argentina	: 2.03	1.74	1.86	1.80	2.07	2.20	2.20	3.65	3.60	4.10	4.10	
Brazil	: 8.76	8.92	9.00	1.73	1.76	1.75	1.75	15.14	15.75	16.20	15.75	
Paraguay	: 0.44	0.52	0.55	1.49	1.54	1.55	1.55	0.65	0.80	0.85	0.85	
Total above	: 48.96	48.13	48.22	1.85	1.66	1.77	1.79	90.71	79.81	86.42	86.12	
Other countries	: 2.31	2.05	2.37	1.25	1.16	1.19	1.23	2.89	2.37	2.81	2.90	
World	: 51.27	50.18	50.59	1.83	1.64	1.75	1.76	93.60	82.19	89.22	89.02	
World less U. S.	: 22.72	22.72	23.49	1.40	1.44	1.46	1.45	31.88	32.74	34.66	34.11	
Major foreign ex- porters 3/	: 11.23	11.18	11.41	1.73	1.80	1.81	1.81	19.44	20.15	21.15	20.70	

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends, and analysts' judgement. See footnote on page 8 for source.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Argentina, Brazil, and Paraguay.

## Oilseeds production: World and selected countries, regions, and commodities 1/

Commodity	Major regions and countries							
	United States	Canada	Western Europe	Eastern Europe	USSR	Centrally Planned Asia	South Asia	
						PRC	India	Pakistan
---Million metric tons---								
: Cottonseed :								
1: 1979/80	5.24	----	0.25	0.04	4.51	4.41	2.45	1.44
2: 1980/81	4.05	----	0.29	0.04	5.30	5.54	2.70	1.37
: 1981/82								
3: Jul. proj.	4.91	----	0.29	0.04	5.00	5.70	2.70	1.47
4: Aug. proj.	5.33	----	0.29	0.04	5.00	5.70	2.70	1.47
: Peanuts :								
: (In-shell) :								
5: 1979/80	1.80	----	0.02	----	----	2.82	5.77	0.05
6: 1980/81	1.05	----	0.02	----	----	3.60	6.00	0.05
: 1981/82								
7: Jul. proj.	1.74	----	0.02	----	----	3.60	6.00	0.05
8: Aug. proj.	1.67	----	0.02	----	----	3.40	6.00	0.05
: Sunflowerseed :								
9: 1979/80	3.48	<u>3/</u> 0.22	0.74	2.27	5.41	0.34	0.15	----
10: 1980/81	1.82	<u>3/</u> 0.17	0.76	1.82	4.65	0.90	0.17	----
: 1981/82								
11: Jul. proj.	2.64	<u>3/</u> 0.15	0.83	2.30	5.00	0.94	0.16	----
12: Aug. proj.	2.64	<u>3/</u> 0.15	0.69	2.21	5.00	0.94	0.16	----
: Rapeseed :								
13: 1979/80	----	3.41	1.60	0.66	----	2.40	1.43	0.25
14: 1980/81	----	2.51	2.48	1.27	0.01	2.38	2.15	0.25
: 1981/82								
15: Jul. proj.	----	1.90	2.75	1.28	0.02	3.10	2.00	0.25
16: Aug. proj.	----	1.90	2.53	1.21	0.02	3.10	2.00	0.25

1/ Totals and averages based on unrounded data. 1980/81 is estimated and preliminary. 1981/82 is projected based on surveys, trends and analysts' judgement. See footnote on page 8 for source.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 95 percent of U.S. total

---- No production reported or less than 5,000 tons.

## Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											: 1
: Middle East	:	: Latin America	: Total for	: Other	:	:	:	: World	: Major	:	
: and	:	: and	: Major	: coun-	:	:	:	: less	: foreign	:	
: Africa	:	: Caribbean	: regions	: tries	: World	: United	: ex-	:	:	:	
: : :	:	: Argen-	: Para-	: and	:	: States	: porters	:	:	:	
: Egypt:Senegal:Sudan:	:	: tina	: Brazil:	: guay	: Countries:	: regions:	:	:	:	:	2/
---Million metric tons---											
0.79	----	0.19	0.32	1.06	0.14	20.84	4.20	25.04	19.79	4.01	: 1
0.84	----	0.21	0.17	1.08	0.19	21.78	4.15	25.93	21.88	4.16	: 2
0.74	----	0.23	0.24	1.08	0.19	22.59	4.27	26.86	21.95	4.25	: 3
0.74	----	0.23	0.24	1.08	0.19	23.01	4.25	27.26	21.93	4.25	: 4
0.03	0.60	0.85	0.29	0.54	0.02	12.82	4.68	17.50	15.70	8.06	: 5
0.05	0.45	0.80	0.24	0.30	0.02	12.58	4.93	17.51	16.46	7.79	: 6
0.05	0.80	0.80	0.26	0.45	0.02	13.79	5.15	18.94	17.21	8.32	: 7
0.05	0.80	0.80	0.26	0.45	0.02	13.52	5.17	18.70	17.03	8.32	: 8
0.01	----	----	1.65	0.02	----	14.30	1.21	15.51	12.03	3.92	: 9
0.01	----	----	1.30	0.09	----	11.69	1.48	13.16	11.35	3.12	: 10
0.01	----	----	1.65	0.12	----	13.82	1.43	15.25	12.61	3.96	: 11
0.01	----	----	1.65	0.12	----	13.59	1.39	14.97	12.33	3.86	: 12
----	----	----	----	----	----	9.76	0.32	10.08	10.08	3.41	: 13
----	----	----	----	----	----	11.06	0.30	11.36	11.36	2.51	: 14
----	----	----	----	----	----	11.30	0.34	11.64	11.64	1.90	: 15
----	----	----	----	----	----	11.01	0.35	11.36	11.36	1.90	: 16

WHEAT: RELIABILITY OF AUGUST WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Eight Year Record of Difference Between August Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Largest			Number of Years <sup>2/</sup> Below : Above Final : Final	
	Million MT			(—Million MT—)				
<u>North America</u>								
Canada	15.3	3	12.5	2	1	4	5	2
United States	8.9	5	2.9	2	- 1/	4	3	3
<u>Western Europe</u>	7.6	4	5.6	3	-	5	5	2
<u>Eastern Europe</u>	9.3	3	6.6	2	1	4	4	3
<u>Oceania</u>								
Australia	24.8	3	29.2	3	1	6	4	3
<u>South Asia</u>								
India	9.4	3	4.8	2	-	3	5	2
Pakistan	5.6	1					N/A	N/A
<u>Centrally Planned Asia</u>								
China	10.1	4					N/A	N/A
<u>USSR</u>	16.6	15	14.6	14	-	24	3	4
<u>Middle East and Africa</u>								
South Africa	13.3	-					N/A	N/A
Turkey	12.3	1					N/A	N/A
<u>Latin America &amp; Caribbean</u>								
Argentina	21.6	2	16.7	2	-	2	3	4
Brazil	26.9	1					N/A	N/A
<u>Total Above</u>	5.8	21	7.9	24	1	51	2	5
<u>Others</u>	8.5	2	3.8	3	-	6	3	4
<u>World Total</u>	5.6	21	5.2	21	1	37	2	5
<u>World Less U.S.</u>	7.2	23	5.8	19	2	34	2	5
<u>Major Competitors <sup>3/</sup></u>	6.0	5	13.8	4	-	9	4	3

1/ Less than 500,000 tons.

2/ May not add up to 8 if August estimate was the same as final.

3/ Includes Canada, Australia, Argentina, and the EC.

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1971-1980; percent error is calculated at the mean. The 8 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:AUGUST, 1981

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COARSE GRAINS: RELIABILITY OF AUGUST WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Eight Year Record of Difference Between August Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Large			Number of Years <sup>2/</sup> Below : Above Final : Final	
	Million MT			(—Million MT—)				
<u>North America</u>								
Canada	9.8	2	8.2	2	- 1/	3	4	2
United States	9.9	19	10.2	21	3	45	4	3
<u>Western Europe</u>	6.7	6	4.7	4	1	10	5	2
<u>Eastern Europe</u>	2.4	1	3.0	2	-	4	5	2
<u>Oceania</u>								
Australia	19.2	1	18.5	1	-	2	3	4
<u>South Asia</u>								
India	7.9	2					N/A	N/A
<u>Centrally Planned Asia</u>								
China	4.1	3					N/A	N/A
<u>Near East &amp; Other Asia</u>								
Thailand	17.9	-	6.6	-	-	1	1	3
<u>USSR</u>	19.2	17	12.0	11	3	24	3	4
<u>Middle East and Africa</u>								
South Africa	23.0	2	15.0	1	-	5	5	2
Turkey	8.8	1					N/A	N/A
<u>Latin America &amp; Caribbean</u>								
Argentina	22.9	4	18.7	3	1	5	4	3
Brazil	12.0	2	12.6	3	1	5	4	3
<u>Total Above</u>	4.3	26	5.0	25	2	53	5	2
<u>Others</u>	3.8	3	1.2	3	-	5	5	1
<u>World Total</u>	3.8	26	3.8	25	1	52	4	3
<u>World Less U.S.</u>	3.8	19	2.4	11	5	26	3	4
<u>Major Competitors <sup>3/</sup></u>	9.6	5	5.9	4	2	10	3	5

1/ Less than 500,000 tons

2/ May not add to 8 if August estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa, and Thailand

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1971-1980; percent error is calculated at the mean. The 8-year record is based upon absolute differences from final estimates.

FAS:CP:G&F:AUGUST, 1981

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Cotton, rice (rough), and oilseeds production: 1981/82 trend projections and standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro- : jection:	Quan- : tity	Percent	Pro- : jection:	Quan- : tity	Percent	Pro- : jection:	Quan- : tity	Percent
	--Mil. bales--			---Mil. MT---			---Mil. MT---		
U.S. <u>2/</u>	14.8	1.5	8.7	8.0	0.3	4.2	54.9	2.8	5.1
Canada	---	---	---	---	---	---	3.0 <u>3/</u>	.8	25.9
Western Europe:	---	---	---	1.7	.2	11.8	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR	13.9	.5	3.6	2.7	.1	3.7	5.0 <u>4/</u>	.8	16.3
Centrally Planned Asia:									
PRC	10.7	1.1	10.3	145.2	3.7	2.6	---	---	---
South Asia									
Bangladesh	---	---	---	21.0	1.0	4.8	---	---	---
Burma	---	---	---	11.7	.8	6.8	---	---	---
India	6.0	.4	6.7	79.0	7.2	9.1	6.2 <u>5/</u>	.7	12.1
Pakistan	2.6	.5	19.2	5.1	.2	3.9	---	---	---
Near East & Other Asia									
Indonesia	---	---	---	28.6	1.0	3.5	---	---	---
Japan	---	---	---	14.7	1.3	8.8	---	---	---
South Korea	---	---	---	7.6	.9	11.8	---	---	---
Thailand	---	---	---	17.9	.9	5.0	---	---	---
Middle East and Africa									
Egypt	2.0	.3	15.0	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.7 <u>5/</u>	.3	42.8
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.4	.2	50.0	---	---	---	---	---	---
Turkey	2.2	.2	9.1	---	---	---	---	---	---
Latin America & Caribbean									
Argentina	.8	.2	25.0	.3	.03	10.0	---	---	---
Brazil	2.4	.4	16.7	9.5	.6	6.3	16.5 <u>6/</u>	1.8	10.9
Mexico	1.4	.4	28.6	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.7	.05	7.1	---	---	---
Foreign	51.2	2.6	5.1	397.9	8.7	2.2	---	---	---
World	63.5	4.0	6.3	404.4	9.0	2.2	171.8	8.4	4.9 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1971/72-1980/81. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1981/82 production will total within 0.5 million bales or 3.6 percent of the trend projection of 13.9 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 3/ Rapeseed. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.



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